

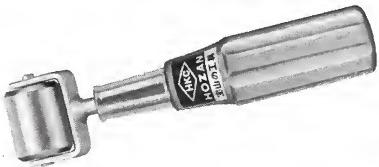
HOZAN

TOOLS FOR BICYCLE



FROM ASSEMBLY
TO SERVICING

HOZAN TOOL IND. CO., LTD.

C-51 REPAIRING ROLLER FOR INNER TUBE

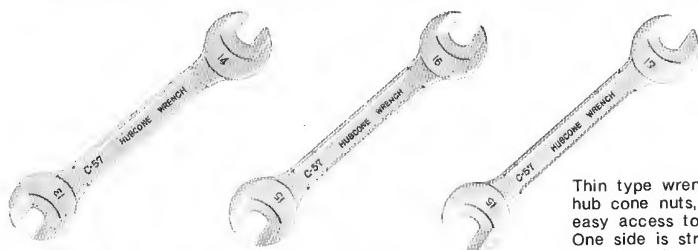
Back and forth over the patched area several times, then the patch will stick completely.
O.A.L. 165 mm

C-55 SCISSORS

Use for cutting job of patch rubber and tubes.
O.A.L. 180 mm

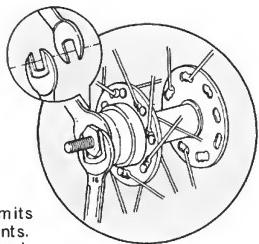
C-68 TIRE LEVERS (3 PCS. SET)

Unique slotted design for hooking on spoke. For wired on tires.

C-57 HUB CONE ADJUSTING WRENCH (3 PCS. SET)

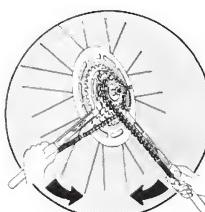
Size : 13×14, 15×16, 15×17 mm O.A.L. 230 mm

Thin type wrench for adjusting hub cone nuts, open end design permits easy access to hard-to-get adjustments. One side is straight and others curved one for pair using like fig.

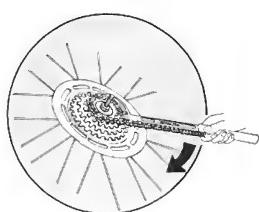
**C-62 SPROCKET TURNER**

Use for taking off sprocket one by one without any damage.

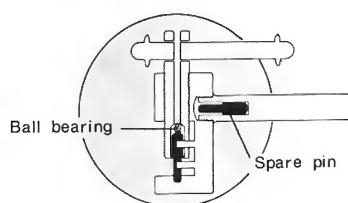
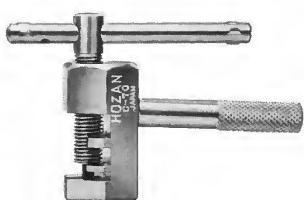
O.A.L. 360 mm



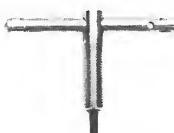
In case of take off, use 2 pcs. of C-62



In case of set up

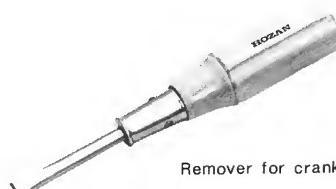
C-70 PORTABLE CHAIN RIVET EXTRACTOR

As built in ball bearing, you can extract it sure, easily without slip off. To suit all cycle chain, light weight and small type, especially for touring and home use.

C-71 SPARE T-BAR**C-72 SPARE PIN****C-73・C-74 MINI. Y-TYPE BOX WRENCH**

Use for lamps setting screw, brake band fixing screw.

C-73 8×9×10 mm C-74 11×13×14 mm

D-378 CRANK CAP DRIVER

Remover for crank dust cap.

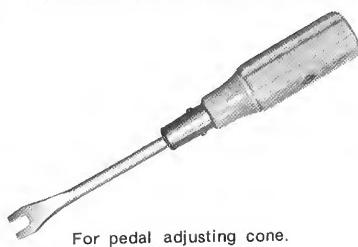
O.A.L. 180 mm

C-103 4-HOLE BOX WRENCH



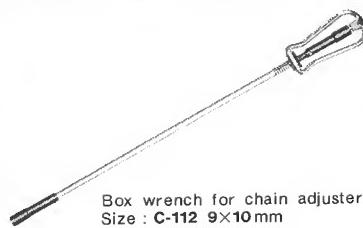
For brake shoes, tightening bolts.
Size : 8, 9, 10 & 11 mm
O.A.L. 205 mm

C-110 FORKED SCREW DRIVER FOR PEDAL CONE



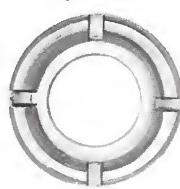
For pedal adjusting cone.
O.A.L. 270 mm

C-112·113·114 DOUBLE ENDED BOX WRENCH



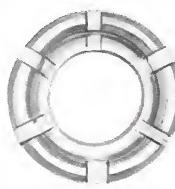
Box wrench for chain adjusters.
Size : C-112 9×10 mm
C-113 8×10 mm
C-114 8×9 mm

C-119 SPOKE WRENCH (1-5/8" dia.)



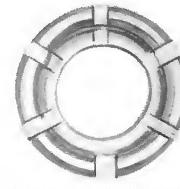
4 grooves for 14, 15 G.
Chrome plated.

C-120 SPOKE WRENCH (1-5/8" dia.)



6 grooves for 10-15 G.
8 grooves for 9-15 G.
Chrome plated.

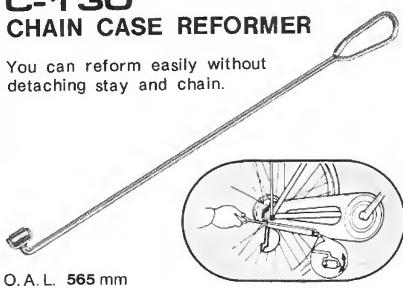
C-121 SPOKE WRENCH (1-3/4" dia.)



6 grooves for 10-15 G.
8 grooves for 9-15 G.
Chrome plated.

C-130 CHAIN CASE REFORMER

You can reform easily without detaching stay and chain.



O.A.L. 565 mm

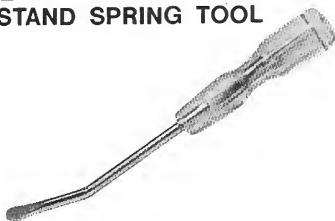
C-131 RING NUT WRENCH FOR CHAIN CASE



This unique tool can fit to every kinds of bracket axles and adjust 3 & 4 grooves ring.

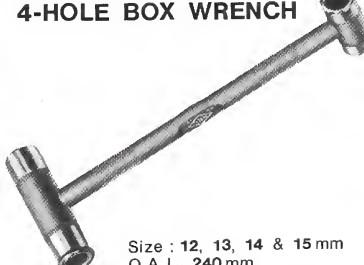
C-132 SPARE PEG

C-140 STAND SPRING TOOL



Easy operation by leverage action.
O.A.L. 195 mm

C-151 4-HOLE BOX WRENCH



Size : 12, 13, 14 & 15 mm
O.A.L. 240 mm

C-152 4-HOLE BOX WRENCH with SPRING



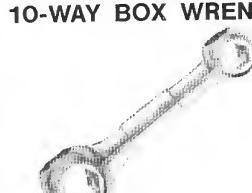
Size : 12, 13, 14 & 15 mm
O.A.L. 240 mm

C-157 OFFSET WRENCH



For hub nuts.
Size : 14×15 mm
O.A.L. 300 mm

C-159 10-WAY BOX WRENCH



Diecast Alumi. Chrome plated
Size : 6, 7, 8, 9, 10, 11, 12, 13,
14 & 15 mm

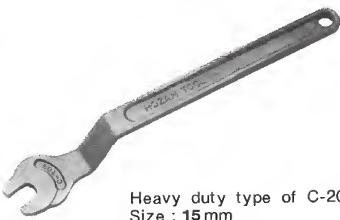
C-160 HUB NUT RATCHET WRENCH



Long box type for 14 & 15 mm.
Especially useful for fixing bolts of B.B.
O.A.L. 260 mm

C-201 PEDAL WRENCH

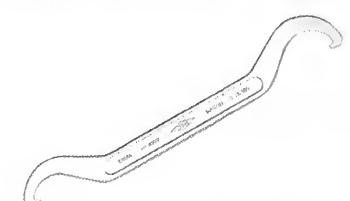
Drop forged steel.
Cranked sharp for pedal spindle.
O.A.L. 300 mm

C-202 HEAVY DUTY PEDAL WRENCH

Heavy duty type of C-201
Size : 15 mm
O.A.L. 330 mm

C-203 HEAD SCREW CONE PLIER

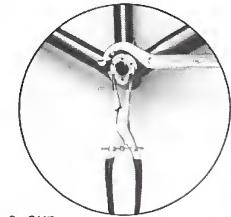
For head parts assembly, bottom bracket
or all dia. of lockrings.
O.A.L. 275 mm

C-205 HEAD LOCK RING WRENCH

Drop forged steel.
For all dia. of lockrings
O.A.L. 250 mm

C-207 B.B. CUP STOPPER

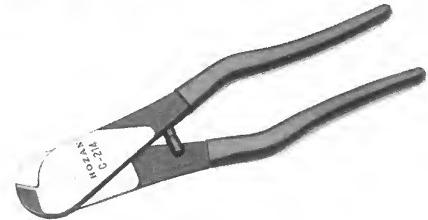
Very useful tool in adjusting a cup.
You can set a cup in good position
without coming loose.
O.A.L. 180 mm



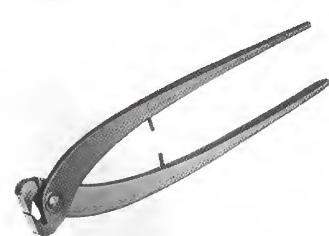
SPARE PEG

**C-210 BRAKE TOOL**

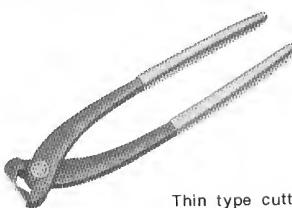
2 pcs. set of caliper brake arm alignment tools,
with straightener for mudguard stay and
brake shoes, tire lever.

C-214 WIRE CUTTER

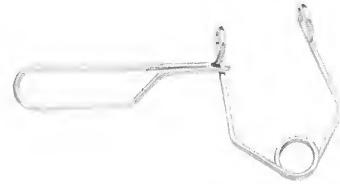
For cutting outer and inner of brake wire.
O.A.L. 185 mm

C-217 SPOKE CUTTER

For cutting spoke end.
O.A.L. 250 mm

C-218 SPOKE CUTTER FOR SPORTS CYCLE

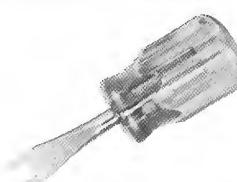
Thin type cutter
Width : 8.6 mm
O.A.L. 280 mm

BRAKE SHOE CLAMP

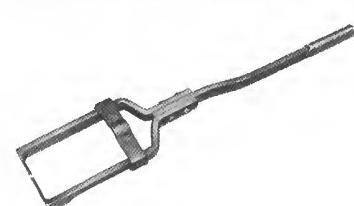
Spring operated
U-C-P finish.

C-253 HUB CONE ADJUSTING PLIER

O.A.L. 280 mm

C-255・256 FORKED SCREW DRIVER FOR DOUBLE GEAR

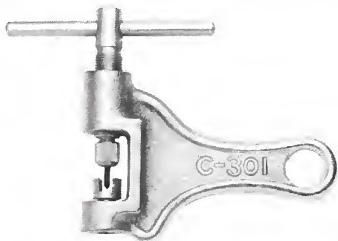
Stopper for double gear
C-255 : 10 mm C-256 : 12 mm

C-305 PEDAL & CRANK REFORMER

For easy reforming of pedal & crank.
O.A.L. 630 mm

CYCLE TOOLS

C-301 PERMANENT CHAIN RIVET EXTRACTOR



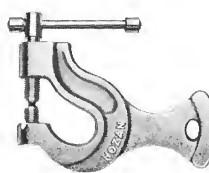
C-314 SPARE T-BAR



C-315 SPARE PIN



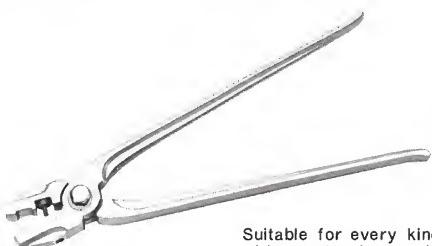
C-303 MUDGUARD HOLE PUNCH



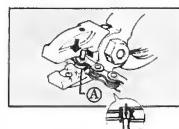
C-304 SPARE T-BAR



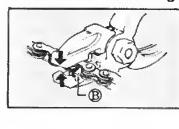
C-320 CHAIN RIVET PLIER



In case of extracting



In case of rivetting

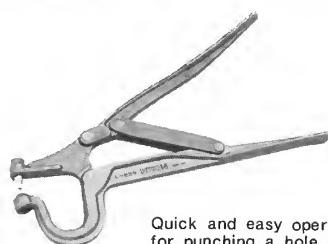


C-321 SPARE BOLT PIN



Suitable for every kind of bicycle chains
with one hand operation.
O.A.L. 240 mm

C-325 MUDGUARD HOLE PUNCH PLIER

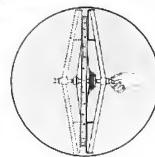


C-326 SPARE PIN



Quick and easy operation by leverage action
for punching a hole for reflector and brace.
O.A.L. 250 mm

C-335 RIM CENTER GAUGE



Use for the exact centering of the bicycle rim
over cone lock nuts.
Especially useful for correct dishing of rear
wheel.
Suitable for 18-28" rims.
O.A.L. 675 mm

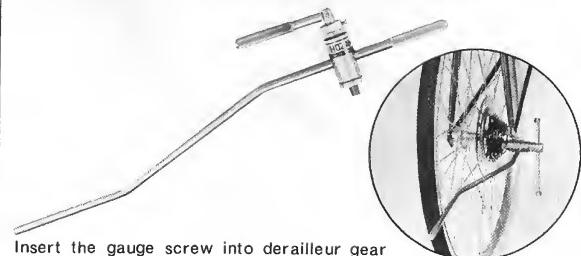
C-330 WHEEL BUILDING STAND

The wheel building stand allows a beginner to
correct any up-and-down or side-to-side
movement of the rim.
Suitable for all diameter and all widths.



Weight : 15 kgs.

C-336 GAUGE FOR DERAILLEUR



Insert the gauge screw into derailleuer gear
and turn the lever, then you can adjust easily.

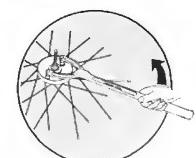
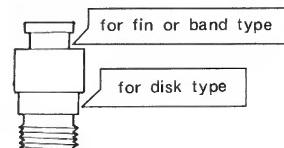
C-349 BRAKE DRUM TURNER

Usually, brake drums are tightened up.
This unique power tool allows you to remove it
easily.



O.A.L. 380 mm

C-350 SPARE PEG

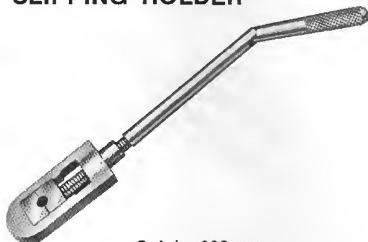


C-352
FREE WHEEL TURNER



O.A.L. 310 mm

C-354 HUB SPINDLE
SLIPPING HOLDER



O.A.L. 290 mm

C-356 INNER WIRE PLIER

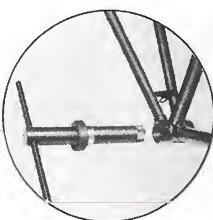


O.A.L. 180 mm

C-358 RIGHT BOTTOM BRACKET
CUP TURNER



For flanged cups.
35.8 & 36.3 mm sized jaw



C-359 BOTTOM BRACKET CUP TURNER

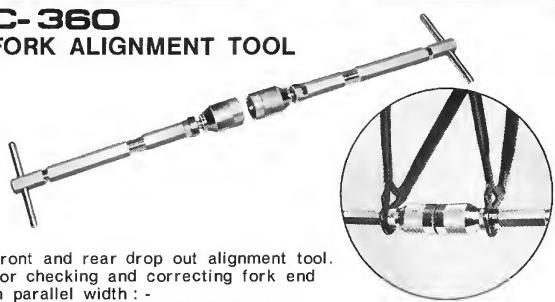


Available for all types as under



O.A.L. 300 mm

C-360
FORK ALIGNMENT TOOL



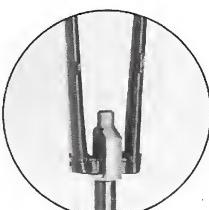
Front and rear drop out alignment tool.
For checking and correcting fork end
in parallel width : -
front fork-100mm, rear end-120mm

C-361 HAMMER FOR CROWN BALL RACE



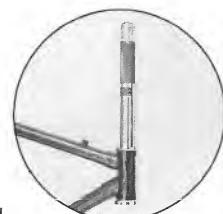
Moving up and down by hand press,
sets crown ball race in perfect.

C-363 REMOVER OF CROWN BALL RACE



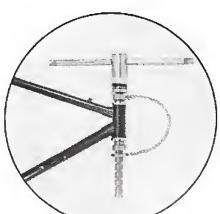
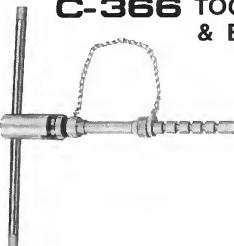
Put on the crown ball race like fig.
and struck with soft hammer,
it is removed without damage.

C-365
TOP & BOTTOM BALL HEAD CUP REMOVER



Insert into head pipe and struck with
soft hammer, the head cup is removed
without damage.

C-366 TOOL FOR PUTTING TOP
& BOTTOM HEAD CUPS



By pressing top and bottom head cups at
same time, you can set accurately.

HOZAN
TOOLS FOR BICYCLE

CYCLE TOOLS

C-401
PEDAL TAP with REAMER



Size : -
9/16" × 20th.
1/2" × 20th.

C-402 BOTTOM BRACKET TAP with REAMER



Size : -
1-3/8" × 24 th.
1-3/8" × 26 th.
35 mm × 1.0 mm
36 mm × 24 th.

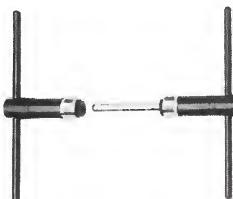
For chasing to corrosion, eliminate paint
and a few damaged thread.

C-407
REAMER FOR CRANK AXLE

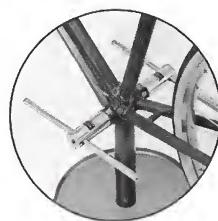


O.A.L. 135 mm

C-405 BRACKET TAP with CENTER GUIDE



Size : -
1-3/8" × 24 th.
1-3/8" × 26 th.
35 mm × 1.0 mm
36 mm × 24 th.



For tapping work both sides at the same time.

C-408
REAMER FOR FORK COLUMN



O.A.L. 190 mm

C-413 STOCK & DIES



1/4 × 24, 1/4 × 26
3/8 × 26, 9/32 × 30
5/16 × 18, 5/16 × 26
O.A.L. 270 mm

C-421 STOCK & DIE FOR FORK COLUMN A



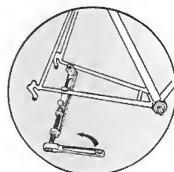
For cleaning and repairing of fork column
that was damaged or corroded.

C-450 STAY OPENER & TIGHTENER

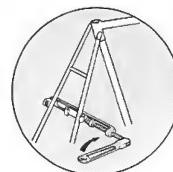


Stay catcher that padded with leather does not
mound the frame, and has no slip for angled stay
as like mini-cycle.

Using as opener

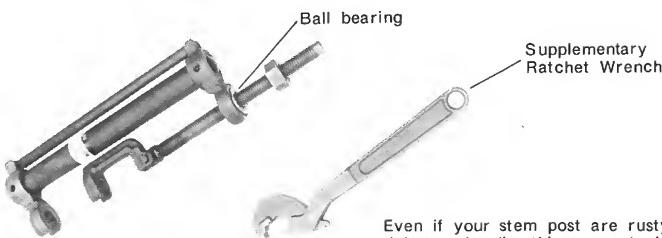


Using as tightener



If you use a pair of C-450, you can reform
bended it.

C-465 HANDLE STEM POWER PULLER



Even if your stem post are rusty and
tight too hardly, this power tool extract
it easily by your little power.

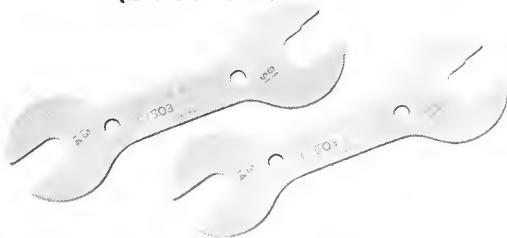


Capacity length of stem : Max. 250 mm

C-500 COMBINATION WRENCH SET

Size : Open X Ring
8 X 9
10 X 11
12 X 13
15 X 14 mm

Drop forged Chr.-Mo. steel.

C-503 HUB CONE WRENCH SET (2 PCS. SET)

Double sized open end 13 & 14 X 15 & 16 mm

**C-505
9-WAY SPANNER**

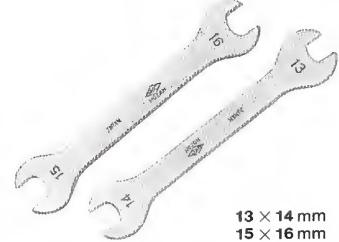
9, 10, 12, 13, 14, 15, 17 mm

**C-508
CYCLIST SPANNER**

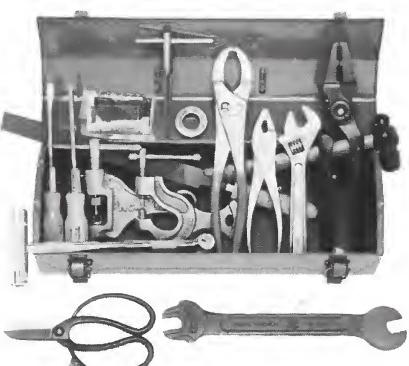
8, 9, 10, 12, 13, 14, 15 mm

**C-511 SPANNER
& LOCK RING
WRENCH**

6, 9, 11, 14, 15, 16, 33 mm
& Ring Wrench

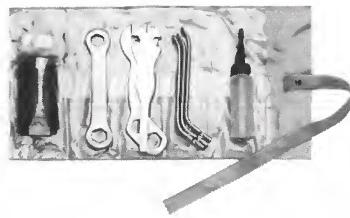
**C-507 HUB CONE
WRENCH SET (2 PCS. SET)**

13 X 14 mm
15 X 16 mm

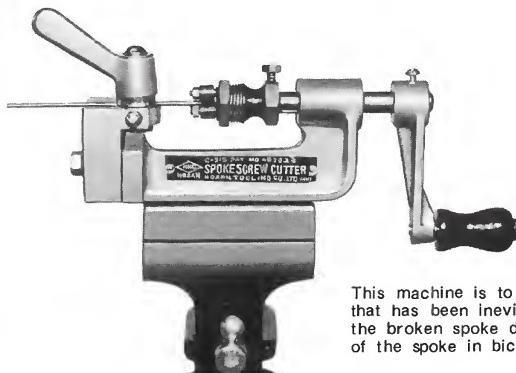
C-611 MULTI. REPAIR TOOL SET

Contents:-

- C-151&C-103 4-Hole Box Wrench
- C-119 Spoke Wrench
- C-203 Head Screw Cone Plier
- C-201 Pedal Wrench
- C-253 Hub Cone Adjusting Plier
- C-301 Chain Rivet Extractor
- C-303 Mudguard Hole Punch
- P-211 Slip Joint Plier 200mm
- W-210 Adjustable Angle Wrench 200mm
- D-111 Screw Driver 100mm
- D-135 Phillips Type Screw Driver No.2
- C-55 Scissors
- U-24 Ball Pein Hammer 1/2 lb.
- K-4A Reamer
- Flat File 250mm
- Patch Rubber Set
- B-83 Tool Box

**C-650
PORTABLE TOOL SET****C-651
PORTABLE TOOL SET****C-652
PORTABLE TOOL SET****C-653
PORTABLE TOOL SET****C-654
PORTABLE TOOL SET**

C-915 SPOKE SCREWING MACHINE



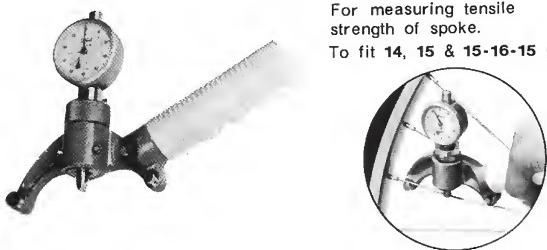
This machine is to delete the inconvenience that has been inevitable for fixing up the broken spoke due to many different sizes of the spoke in bicycles and motor cycles.

REPLACEMENT ROLLING HEAD



Complete set comes with
a rolling head 14-15 G.
C-917 for 14-15 G. (adjustable)
C-918 13 G.
C-919 12 G.
C-920 11 G.
C-921 10 G.
C-922 9 G.
C-923 8 G.

C-737 SPOKE TENSION METER



For measuring tensile strength of spoke.
To fit 14, 15 & 15-16-15 G.

Hook the supporting point to the spoke and press the handle of the tester till it touches the stopping point to the same spoke, then read the figure in the dial gauge.
The figure indicates the tension in the graph.

B-56 BOX MASTER



Size : 440 (L) × 225 (W) × 245 (H) mm
Capacity : abt. 16.0 litre
Weight : 3.8 kgs. (Tools shown in photo not included)

Color : Orange Blue

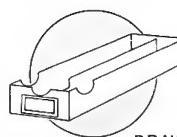
BOX MASTER (TOOL CASE) Elegant design and unique function are attracting public attention

When the cover is removed, small parts trays are opened automatically so that you may take them very easily. You may classify the small parts trays optionally and freely (free divider). Very robust design and ABS resin thick wall molding. When dropped with 20kgs. load, it will withstand it. Beauty inherent in resin and unique design.

B-305 SPOKE CABINET

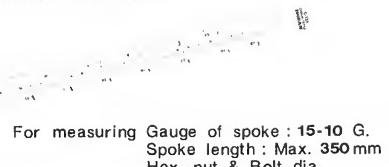


Spoke cabinet allows ideal storage and inventory of all spokes.
Dimension : 365 × 338 × 325 mm
Weight : 14 kgs.
Colour : Ivory white



DRAWER 108 × 330 × 53 mm

C-733 SPOKE GAUGE



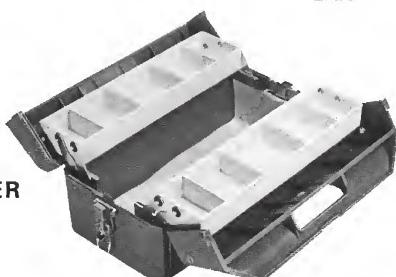
For measuring Gauge of spoke : 15-10 G.
Spoke length : Max. 350 mm
Hex. nut & Bolt dia.

B-54 BOX MASTER



Size :
380 (L) × 180 (W) × 160 (H) mm
Capacity : abt. 6.5 litre
Weight : 1.3 kgs.

Color : Orange Blue



B-55 BOX MASTER

Size : 440 (L) × 225 (W) × 230 (H) mm
(Parts Tray : 375 × 95 × 45 mm × 2)
Capacity : abt. 12.0 litre
Weight : 2.9 kgs.

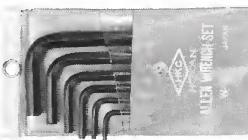
Color : Orange Blue

W-90 ALLEN WRENCHES



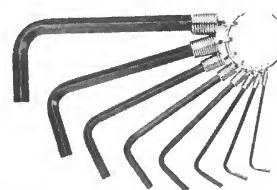
Size : 3 mm 4 mm 5 mm 6 mm

W-92・95 ALLEN WRENCH SET



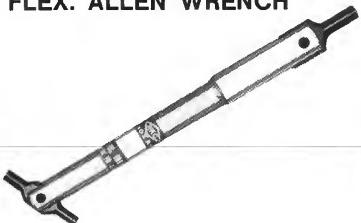
W-92 : 2.5, 3, 4, 5, 6, 8 mm (6 pcs.)
W-95 : 2.5, 3, 4, 5, 6, 8, 10, 12 mm (8 pcs.)

W-93・97 ALLEN WRENCH SET on RING



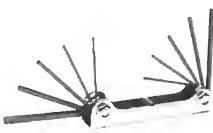
W-93 : 4, 5, 6 mm
W-97 : 2, 2.5, 3, 4, 5, 6, 8, 10 mm

W-94 FLEX. ALLEN WRENCH



Size : 4, 5, 6 & 7 mm

W-98 10 PCS. ALLEN WRENCH SET



Size : 1.5, 2, 2.5, 3, 4 mm
1/20, 1/16, 3/32, 1/8, 3/16 in.

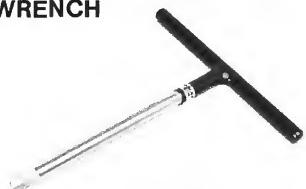
NO.68106 T-TYPE WRENCH with ALLEN WRENCH



6 mm allen wrench

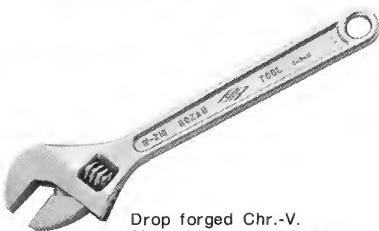
8 mm box wrench

W-105・106・108 T-TYPE POWER ALLEN WRENCH



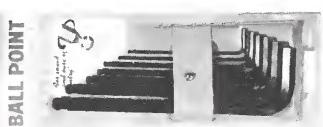
W-105 5 mm
W-106 6 mm
W-108 8 mm

W-210 ADJUSTABLE ANGLE WRENCH



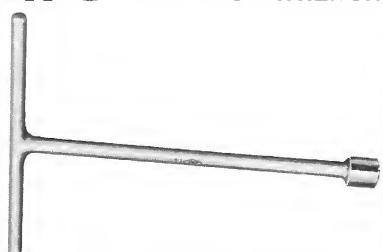
Drop forged Chr.-V.
Size : 150, 200, 250, 300 mm

NO.016-1・016-2 BALL POINT ALLEN WRENCH SET



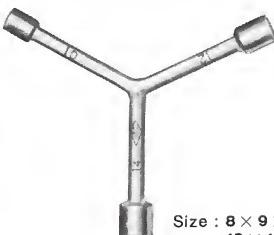
016-1 : 2.5, 3, 4, 5, 6, 8, 10 mm
016-2 : 3/32, 1/8, 5/32, 3/16,
1/4, 5/16, 3/8 in.

W-5 T-TYPE BOX WRENCH



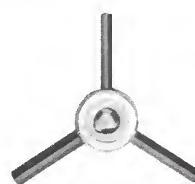
Size : 8, 9, 10, 11, 12, 13, 14 mm

W-11 Y-TYPE BOX WRENCH



Size : 8 × 9 × 10 mm
10 × 12 × 14 mm

W-96 Y-TYPE ALLEN WRENCH



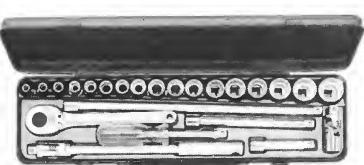
Size : 4, 5, 6 mm

W-521 OPEN END WRENCH SET



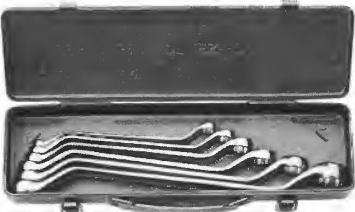
Size : 6 × 7, 8 × 10, 11 × 13, 12 × 14,
17 × 19, 22 × 24 mm

B-217 SOCKET WRENCH SET



Contents : 17 pcs. Socket, Ratchet handle,
Spindle, Extension bar, Universal joint,
Driver type handle.

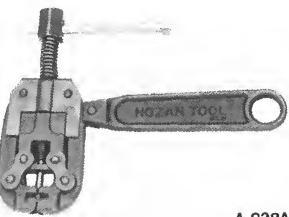
M-2506 OFFSET WRENCH SET



Size : 8 × 10, 11 × 13, 12 × 14, 17 × 19,
22 × 24, 24 × 27 mm

MOTORCYCLE TOOLS

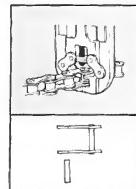
A-928A · 928B POWERFUL CHAIN RIVET EXTRACTOR



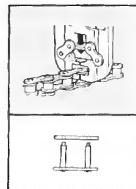
Available for all motor cycle chains.

A-928A for # 520-530, #50 chain
A-928B for #420-428, #40 chain

In case of straight pin



In case of narrowed pin



A-155 STRAIGHT TYPE SPOKE WRENCH



Size : 8 × 9 G.
10 × 11 G.
11 × 12 G.

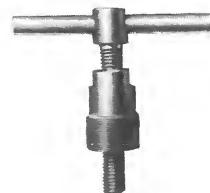
O.A.L. 130 mm

A-192 CLUTCH TOOL



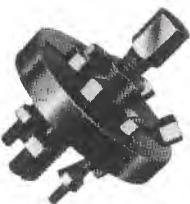
Outer holder to fit generally motor cycles.

A-196 FLYWHEEL PULLER



For motor cycle 50-125 c.c.

A-981 FLYWHEEL MAGNET PULLER



Universal round type for all Japanese machines.

T-12 VALVE DRIVER



Use for removing valve cores.

TIRE LEVERS



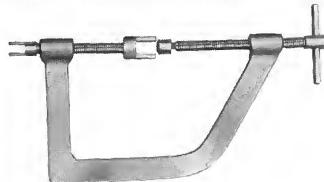
T-221 240 mm
T-222 280 mm
T-223 400 mm
T-238 Slotted type

A-340 WHEEL BUILDING STAND



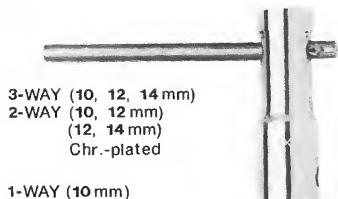
Suitable for any size of cycle and MC wheel. Enamelled finish.
Height : 550 mm
Weight : 20 kgs.

E-200 VALVE SPRING TOOL



Fits almost all overhead valve cycles.
Has reversible collar and with two sizes of holders.

SPARK PLUG WRENCHES



3-WAY (10, 12, 14 mm)
2-WAY (10, 12 mm)
(12, 14 mm)
Chr.-plated

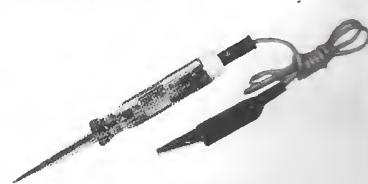
1-WAY (10 mm)
(12 mm)
(14 mm)
Uni-Chr-plated

SPARK PLUG TAP SET

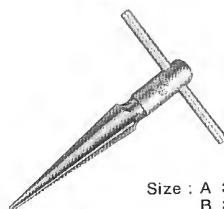


3 pcs. set (10, 12, 14 mm)

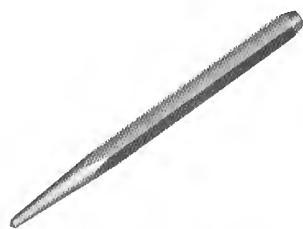
NO.2670 AUTO TESTING SCREW DRIVER



Checking automobile electric system.
For 2.8-24V.

K-4 REAMER


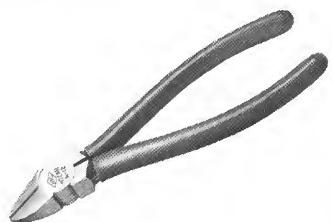
Size :
 A 3.0-10 mm
 B 3.5-13 mm
 C 9.0-19 mm
 D 3.5-19 mm
 E 4.0-31 mm

K-116 CENTER PUNCH


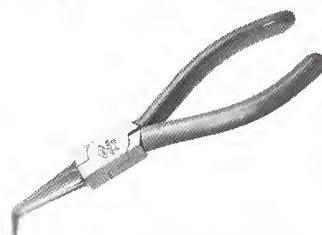
11 mm dia. 150 mm length

K-415S STOCK & DIES SET

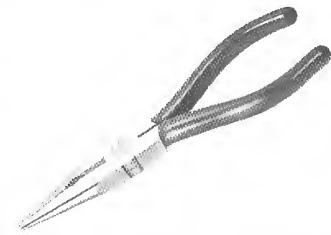

Contents :
 Tap & die 3, 4, 5, 6, 7, 8, 9, 10mm
 Tap handle & stock

N-12 CUTTING PLIER


Heavy duty cutter for hard wires. 150 mm

P-12 BENT NOSE PLIER


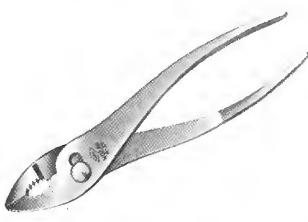
Bent at 60° for gripping, looping and twisting wires in complicated space. 150 mm

P-13 LONG NOSE PLIER


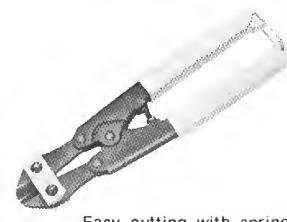
Designed for tightening a loosing nut and small pipes. 150 mm

P-43 SIDE CUTTING PLIER

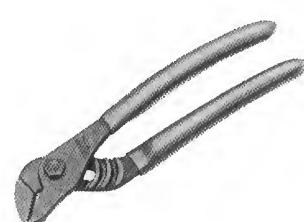

Size : 125, 150, 175, 200 mm

P-211 SLIP JOINT PLIER


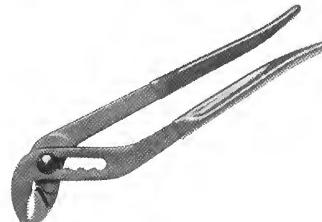
Has deep serrated jaws for pipe gripping.
 Size : 150, 200 mm

TC-200 MINI. CLIPPER


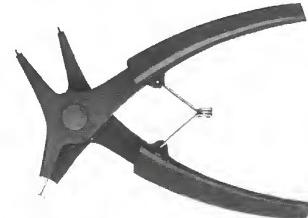
Easy cutting with spring action.
 Cutting cap. Hard wire 1.5 mm
 Soft wire 4.0 mm

P-244 MINI. PUMP PLIER


Cap : 20 mm

P-245 PUMP PLIER


Cap : 42 mm Drop forged of Ni.-Chr.-Mo.

SOCP-130 CONVERTIBLE CIRCLIP PLIER


Cap : 10-40 mm

E-300 ADJUSTABLE REAMER


Size : -
 F : 19.75-21.5 mm
 G : 21.5-23.75 mm
 H : 23.75-27.0 mm
 I : 27.0-30.5 mm

U-24 BALL PEIN HAMMER


Size O. A. L.
 1/2 lb. 300 mm
 1 lb. 325 mm
 1-1/2 lb. 345 mm
 2 lb. 360 mm

U-70 PLASTIC HAMMER


Size O. A. L.
 1/2 lb. 280 mm
 1 lb. 295 mm
 1-1/2 lb. 330 mm
 2 lb. 350 mm

D-111 PIERCING ROD SCREW DRIVER

wooden handle
75 mm (O.A.L. 178 mm)
100 mm (O.A.L. 222 mm)
150 mm (O.A.L. 295 mm)

D-135 PIERCING ROD PHILLIPS TYPE SCREW DRIVER

wooden handle
No. 1 (O.A.L. 181 mm)
No. 2 (O.A.L. 222 mm)
No. 3 (O.A.L. 295 mm)

D-43 SCREW DRIVER

plastic handle
For most popular service work.
100 mm (O.A.L. 179 mm)
150 mm (O.A.L. 229 mm)
200 mm (O.A.L. 279 mm)

D-350 LONG HEX. NUT DRIVER SET

3 pcs. set (8, 9, 10 mm) O.A.L. 400 mm

D-360 LONG SCREW DRIVER SET

2 pcs. set (+) (-) O.A.L. 400 mm

D-369 SQUARE ROD LONG SCREW DRIVER

No.2 × 300 mm Magnetic blade

**D-581 COMFORT GRIP SCREW DRIVER
D-581 L LONG TYPE**

Fully hardened & magnetic blade
6.3 mm × 100 mm, 6.3 mm × 300 mm

**D-585 COMFORT GRIP PHILLIPS TYPE SCREW DRIVER
D-585L LONG TYPE**

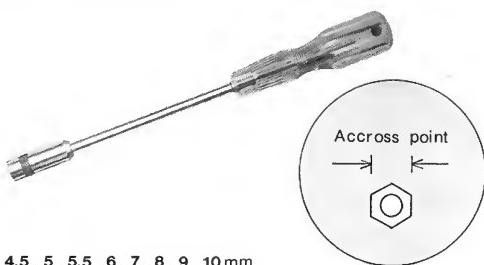
Fully hardened & magnetic blade
No.2 × 100 mm, No.2 × 300 mm

D-370 DEEP BOX DRIVER

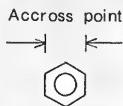
3 pcs. set (8, 9, 10 mm)

D-380 RATCHET LONG DRIVER SET

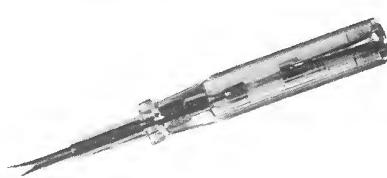
Replacement rod : No.2 × 300 mm, 6 mm × 300 mm

D-50 NUT DRIVER

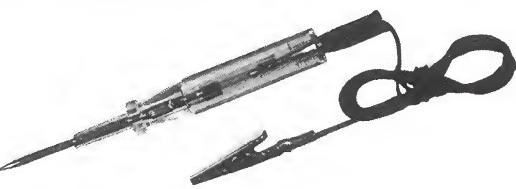
Size : 4, 4.5, 5, 5.5, 6, 7, 8, 9, 10 mm

**D-962 IMPACT DRIVER**

Adaptor bit : 8, 10 mm
No.2, No.3
Striking end of handle with hammer,
turn drive in either direction, for
stubborn screws.

NO.2620 SPARK PLUG TESTING SCREW DRIVER

Diameter of blade 4 mm

NO.2630 AUTO TESTING SCREW DRIVER

Cap : 6-24 V.
Diameter of blade 4 mm



HOZAN

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TELEX(Public) J63400 OSAINBTH

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CABLE ADDRESS : HOZANTOOL OSAKA

TOKYO • NAGOYA • OSAKA • FUKUOKA